BRUHAT BANGALORE MAHANAGARA PALIKE

Project Dvision, Dasarahalli zone

Work Slip Statement

Name Of Work: Improvement to Ashwathakatte Near Govt School Mallasandra Ward No.13 Shettihalli Sub Division

Name of Agency: Sri. Nagesh.S (Shrusti samupada Constructions)

Work Order No: BBMP/EE/PD/Wo/000036/2017-18, Date:28-02-2018

Tender Notification No: BBMP/EE/PD/Ten/10/2017-18, Date:-22-12-2017

Sl.No	Description of work	Unit	As per sanction estimate			As per Bill of quantities			Quantity up to 125%			Quantity above 125%			Total qty		Excess
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil involving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2016-17	cum	51.60	405.64	20931.02	51.60	405.64	20931.02	54.63	405.64	22160.11	0.00	405.64	0	54.63	22160.11	1229.09
2	Providing and laying in position plain cement concrete of mix 1:3:6 with opc cement @220kgs with 20 mm and down size graded granite metal course aggregate @0.84cum and fine aggregates @0.56 cum machine mixed,laid in layers not exceeding 15cms thick well compacted in foundation,plinth and cills including cost of all materials,labour, HOM OF machinary, curing complete as per specification (Pg No-12)	cum	7.75	5449.68	42235.02	7.75	5449.68	42235.02	14.91	5449.68	81254.73	0.00	5449.68	0	14.91	81254.73	39019.71

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3	KSRRB Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs. with 20mm and down size gaded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459 Cum. machine mixed. concrete laid in layers not exceeding 15 cms thick, well compacted for coping, including cost of all materials, Jabour, HOM of machinery, curing complete as per specifications Specification No KBS 4.1, 4.2. (Page no-254, item no-34.11)	Cum	24.72	6718.68	166085.77	24.72	6718.68	166085.77	25.22	6718.68	169424.95	0.00	6718.68	0	25.22	169424.95	3292.15
4	KSRB 2.3: Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.3	cum	25.80	137.16	3538.73	25.80	137.16	3538.73	32.25	137.16	4423.41	22.38	137.16	3069.64	54.63	7493.05	3954.32
5	KSRRB : Providing and constructing granite / trap / basalt size stone masonry in Foundation with cement mortar 1 :6, and hammered dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. (Page No-23, Item No-5.6)	Cum	1.10	4359.96	4795.96	1.10	4359.96	4795.96	1.38	4359.96	5994.95	1.91	4359.96	8323.16	3.28	14318.11	9522.15
6	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons Specification No KBS 4.6.2	Sqm	116.10	249.48	28964.63	116.10	249.48	28964.63	87.36	249.48	21794.5728	0.00	249.48	0	87.36	21794.57	0.00

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7	KSRB 4.9.2 : Providing T M T steel reinforcement for R C C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT bars Fe 500	Sqm	1.98	65455.56	129602.01	1.98	65455.56	129602.01	2.56	65455.56	167566.234	0.00	65455.56	0	2.56	167566.23	37964.22
8	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density.MORTH Specification No. 305	Cum	30.60	326.16	9980.50	30.60	326.16	9980.50	9.90	326.16	3228.98	0.00	326.16	0	9.90	3228.98	0.00
9	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specification susing silver grey granite / Multy Red / Ruby Red I Black / Hassan Green Granite of width not less than 1	Sqm	23.39	2828.52	66159.08	23.39	2828.52	66159.08	29.11	2828.52	82345.2885	60.79	2828.52	171945.7	89.90	254291.02	188131.94

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10	Providing full nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification.	M	32.90	257.04	8456.62	32.90	257.04	8456.62	41.13	257.04	10570.77	11.70	257.04	3006.083	52.82	13576.85	5122.81
																	288236.39

PERCENTAGE OF EXCESS COMPARING TO SANCTIONED COST $\frac{288236.39}{1387225.28} \times 100 = 20.78\%$

Asst Engineer

Project Sub division, Dasarahalli Zone

Asst.Executive Engineer

Project Sub division, Dasarahalli Zone

Executive Engineer

Project division,
Dasarahalli Zone

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BRUHAT BANGALORE MAHANAGARA PALIKE

Project Dvision, Dasarahalli zone

EXTRA ITEM RATE LIST

Name Of Work: Improvement to Ashwathakatte Near Govt School Mallasandra Ward No.13 Shettihalli Sub Division

Name of Agency: Sri. Nagesh.S

Sl No	Item Of Work	Unit	Estimate qty	Rate in Rs. Considering 2016-17 PWD SR including TP of -7.615%	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
1	Providing And Constructing Mantapa using Sadarahallli Granite stones of size of 0.40x0.40x2.3 measurment for four numbers pillers and four numbers of beams of size 0.20x0.30x2.75 mtr and with granite slab roof of 4.30mtrx3.00mtrx0.15thick including cost of all loading and unloading and the lead for bringing the stone to the workspot including cost of all carving work dressing polishing and pinishing and insatalling at woork site etc.. comple	No.s	1.00	460207.00	460207.00	Additonal Item	No	-	Yes, Data rate	

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2	Providing and fixing MS Grill over exesting compound wall as per use in 16mmX16mm MS Square rad at 150mm C/C Spaceing and 16mm X40mm MS flates at Horizontal and 16mm X12mm M.S Flat for ornamental design and providing shop edge design at the vertex of every vertical roads including welding, Grainding whwrever necessary . All the steel surface should be throughly cleaned free of rust and painted with anti corrosive paint (Shop paint) etc., Complete. The work includes cost of all material, Lobour charges for all items of work. hire charges for welding cutting and granding equipment. and electricity charges, etc., complete as per specification Page No 42, I.No.7.36 of KPWD S.R 2016-17	Sqm	30.98	5537.44	171522.20	Additonal Item	No	-	Yes, (Page No 42, I.No.7.36 of KPWD S.R 2016-17).	
	TOTAL EIRL AMOUNT				631729.20					

PERCENTAGE OF EXCESS COMPARING TO SANCTIONED COST $\frac{631729.20}{1387225.28}$ x100 = 45.54 %

Asst Engineer
Project Sub division,
Dasarahalli Zone

Asst.Executive Engineer
Project Sub division,
Dasarahalli Zone

Executive Engineer
Project division,
Dasarahalli Zone

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BRUHAT BANGALORE MAHANAGARA PALIKE

Project Dvision, Dasarahalli zone

Comparative Statement

Name Of Work: Modified Improvement to Ashwathakatte Near Govt School Mallasandra Ward No.13 Shettihalli Sub Division

Name of Agency: Sri. Nagesh.S (Shrusti samupada Constructions)

Work Order No: BBMP/EE/PD/Wo/000036/2017-18, Date:28-02-2018

Tender Notification No: BBMP/EE/PD/Ten/10/2017-18, Date:-22-12-2017

Sl.No	Description of work	Unit	As per sanction estimate			As per Bill of quantities			Quantity up to 125%			Quantity above 125%			Total qty		Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil involving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2016-17	cum	51.60	405.64	20931.02	51.60	405.64	20931.02	54.63	405.64	22160.11	0.00	405.64	0	54.63	22160.11	1229.09	0.00	
2	Providing and laying in position plain cement concrete of mix 1:3:6 with opc cement @220kgs with 20 mm and down size graded granite metal course aggregate @0.84cum and fine aggregates @0.56 cum machine mixed,laid in layers not exceeding 15cms thick well compacted in foundation,plinth and cills including cost of all materials,labour, HOM OF machinary, curing complete as per specification (Pg No-12)	cum	7.75	5449.68	42235.02	7.75	5449.68	42235.02	14.91	5449.68	81254.73	0.00	5449.68	0	14.91	81254.73	39019.71	0.00	

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3	KSRRB : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs. with 20mm and down size gaded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459 Cum. machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted for coping, including cost of all materials, Jabour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (Page no-254, Item no-34.11)	Cum	24.72	6718.68	166085.77	24.72	6718.68	166085.77	25.22	6718.68	169424.95	0.00	6718.68	0	25.22	169424.95	3292.15	0.00
4	KSRB 2.3: Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9	cum	25.80	137.16	3538.73	25.80	137.16	3538.73	32.25	137.16	4423.41	22.38	137.16	3069.64	54.63	7493.05	3954.32	0.00
5	KSRRB : Providing and constructing granite / trap / basalt size stone masonry in Foundation with cement mortar 1 :6, and hammered dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per	Cum	1.10	4359.96	4795.96	1.10	4359.96	4795.96	1.38	4359.96	5994.95	1.91	4359.96	8323.16	3.28	14318.11	9522.15	0.00
6	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specifiention No. KBS 4.6.2	Sqm	116.10	249.48	28964.63	116.10	249.48	28964.63	87.36	249.48	21794.573	0.00	249.48	0	87.36	21794.57	0.00	7170.06

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7	KSRB 492 Providing TMT steel reinforcement in RCC work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications Specification	Sqm	1.98	65455.56	129602.01	1.98	65455.56	129602.01	2.56	65455.56	167566.23	0.00	65455.56	0	2.56	167566.23	37964.22	0.00
8	KSRRB M300-53 Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density MORTH Specification No. 305	Cum	30.60	326.16	9980.50	30.60	326.16	9980.50	9.90	326.16	3228.98	0.00	326.16	0	9.90	3228.98	0.00	6751.51
9	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specification susing silver grey granite / Multy Red / Ruby Red I Black / Hassan Green Granite of width not less than 1	Sqm	23.39	2828.52	66159.08	23.39	2828.52	66159.08	29.11	2828.52	82345.289	60.79	2828.52	171945.73	89.90	254291.02	188131.94	0.00

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10	Providing and fixing 20mm thick gang saw water cut LAKARED granite for cladding in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, mortar, labour for all items	Sqm	23.00	3990.60	91783.80	23.00	3990.60	91783.80	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00
11	Providing and fixing 304 - grade stainless steel hand rails of 14-gauge pipes for Ramps staircase made out of stainless steel hallow pipes. using 50mm dia for verticals @1.60 mtr c/c fixed tot he ramps or steps by drilling with bolts and 100mm dia MS base plates 10mm gauge for fixing of Vertical pipes 4 - Nos anchor bolts & 40mm dia pipes fixed horizontally for 2-rows top. one pipes fixed with vertical pipes another one fixed with elbows and 25mm dia pipes are fixed horizontally for 2-rows below top	Sqm	24.70	6286.68	155281.00	24.70	6286.68	155281.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Providing full nosing for 20mm thick granito slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification.	M	32.90	257.04	8456.62	32.90	257.04	8456.62	41.13	257.04	10570.77	11.70	257.04	3006.0828	52.82	13576.85	5122.81	0.00

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14	Supply of ISI mark 175mm nominal Bore. Plain end Steel casing pipe grade of steel Fee 410 of wall thickness 5.4mm thick conforming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1376/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mtrs. both ends threads conforming to IS 554/1985, one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably	Rmt	32.00	1325	42400.00	32.00	1325.00	42400.00	0.00	1325.00	0	0.00	1325.00	0	0.00	0.00	0.00	0.00
15	Providing Borewell Collars 175mm dia	Each	5.00	150	750.00	5.00	150.00	750.00	0.00	150.00	0	0.00	150.00	0	0.00	0.00	0.00	0.00
16	Providing Borewell Cap 175mm Dia	Each	1.00	100	100.00	1.00	100.00	100.00	0.00	100.00	0	0.00	100.00	0	0.00	0.00	0.00	0.00
17	Supply and delivery of galvanized mild steel tubes heavy class (B-class) conforming to IS 1239-1979 part I/1979 with latest amendments with ISI Mark haeavy duty collar and other end fitted with protective cover 50mm dia.(Material Component	Rmt	300.00	321	96300.00	300.00	321.00	96300.00	0.00	321.00	0	0.00	321.00	0	0.00	0.00	0.00	0.00
18	Providing Borewell Collars 50 mm dia (Material Component)	Each	40.00	125	5000.00	40.00	125.00	5000.00	0.00	125.00	0	0.00	125.00	0	0.00	0.00	0.00	0.00
19	Supplying of Submersible Three Phase Pumpset for borewell of approved make ATLANTA, SUGUNA, C.R.I., KIRLOSKAR and other equivalent pumps. 10 HP /7.5KW 20 stages (Rate List of Materials	Each	1.00	50100	50100.00	1.00	50100.00	50100.00	0.00	50100.00	0	0.00	50100.00	0	0.00	0.00	0.00	0.00

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EIRL -2	Providing and fixing MS Grill over exesting compound wall as per use in 16mmX16mm MS Square rad at 150mm C/C Spaceing and 16mm X40mm MS flates at Horizontal and 16mm X12mm M S Flat for ornamental design and providing shop edge design at the vertex of every vertical roads including welding, Grainding whwrever necessary . All the steel surface should be throughly cleaned free of rust and painted with anti corrosive paint (Shop paint) etc., Complete. The work includes cost of all material, Lobour charges for all items of work, hire charges for	Sqm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.98	5537.44	171522.2	30.98	171522.20	171522.20	0.00
	Total				1387225.28			1387225.28			568764			646551.62		1386837.82	919965.59	13921.57	

PERCENTAGE OF EXCESS COMPARING TO SANCTIONED COST — 919965.59 / 1387225.28 x100 = 66.32%

Saving: 13921.57

Asst Engineer
Project Sub division, Dasarahalli Zone

Asst.Executive Engineer
Project Sub division, Dasarahalli Zone

Executive Engineer
Project division, Dasarahalli Zone

The modified estimate amount is within the sanctioned approved tendered amount. Hence the EIRL & Workslip may be approved.

ಮುಖ್ಯ ಅಭಿಯಂತರರ ಕಛೇರಿ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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